

WHIP ANTENNA

Without a working antenna, radio communications are impossible. That's why PM for your PRC-77 must include care of the 3-ft AT-892 blade antenna and the 10-ft AT-271A whip antenna.

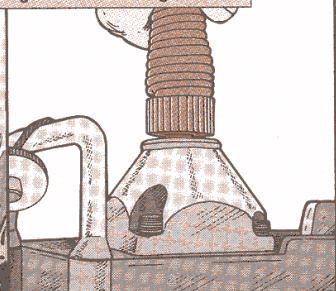
Here's the long and short of it:

CHARLIE,
CALLING BRAVO. COME
IN, BRAVO. BRAV-

DARN! WHAT'S WRONG
WITH THIS RADIO?

- ✓ Screw the antenna down snug to the mount. Leaving a gap creates a weak point where the antenna could snap off.

Tighten antenna snug to mount



TROUBLES

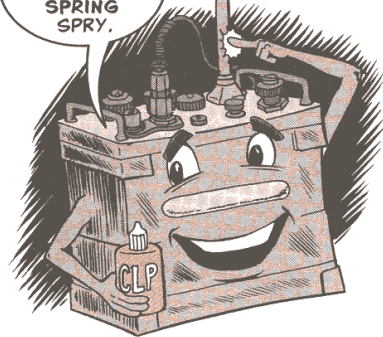
- ✓ Fight corrosion by spraying the connector threads with water displacing compound, NSN 6850-00-142-9389. The compound repels moisture and covers the threads with a protective film. After the spray dries, coat the threads with silicone compound, NSN 6850-00-880-7616.

WE'RE THE
GUYS YOU NEED TO
PREVENT CORROSION ON
YOUR ANTENNA MOUNT.



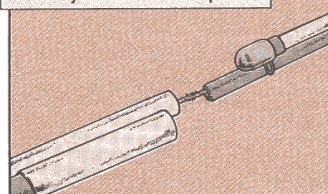
- ✓ Inside the lower section of the AT-271A is a small spring that holds the cord tight. Protect the spring from moisture and rust by putting a few drops of CLP down the lower section. Get a 4-oz bottle with 9150-01-079-6124.

A LITTLE
CLP WILL KEEP
MY ANTENNA
SPRING
SPRY.



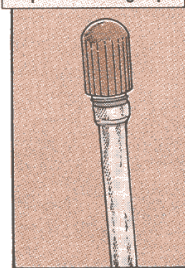
- ✓ Look at the cord threaded through the sections of the AT-271A. If it's broken or badly frayed, get your unit repaired to replace it with NSN 4020-00-281-8439.

Cord frayed or broken? Replace it



- ✓ An AT-271A without a tip cap is just a pointed spear waiting to stick somebody. If the cap's missing, replace it with NSN 5999-00-259-5009.

Replace missing caps

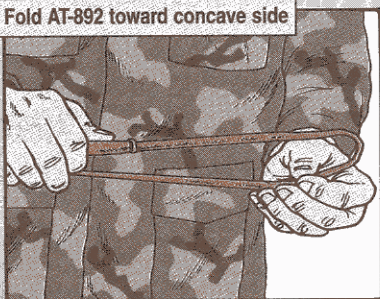


Fold Here

An antenna needs to stand tall to do its job. If it droops or if its sections fall off, your radio loses range. That's exactly what will happen if you store the antenna the wrong way.

Fold the AT-892 this way: Fold the blade loosely toward the concave (curved inward) side. If you force it to the other side, you'll put a permanent kink in it that'll make it droop. You might even snap the blade.

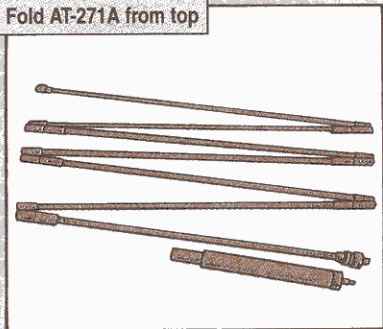
Fold AT-892 toward concave side



Fold the AT-271A this way: The trick is to start folding from the top. The cord inside the whip connects to a spring in the base. Folding the antenna from the top relieves tension on the spring and cord.

Folding from the bottom puts stress on them. Too much stress will stretch or break the spring. It could even snap the cord. Then you'll lose antenna sections.

Fold AT-271A from top



I READ
YOU LOUD
AND CLEAR,
BRAVO!

WE'RE
SENDING AND
RECEIVING LIKE
A CHARM!

THANKS
TO GOOD
PM!

